A Large Celiac Artery Aneurysm

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ABSTRACT
We report preoperative, intraoperative and postoperative images of a large celiac artery aneurysm.

Keywords: Celiac Artery Aneurysm; Graft

A 40-year-old lady presented with complaints of an upper abdominal swelling of recent onset. A multislice CT angiogram (Figure 1) revealed a giant aneurysm of the celiac artery. The aneurysm was 15 × 12.7 cm—the largest reported in the literature [1]. The patient underwent successful resection of the aneurysm (Figure 2) and revascularization with a ringed synthetic graft from the aorta to the hepatic artery (Figure 3)—the hepatic artery did not have any significant backflow. The splenic artery

Figure 1. (cover image): CT angiogram showing the large aneurysm (A) arising from the celiac artery (C), S = superior mesenteric artery.

Figure 2. Intraoperative photograph showing the large aneurysm at laparotomy. A = aneurysm; L = liver.

Figure 3. Ringed graft between the celiac and hepatic artery. C = celiac artery end; P = graft; H = hepatic artery end.

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was friable and had a very good backflow and so was ligated. The left gastric artery could not be separately identified. Histopathology showed all layers (true aneurysm) but did not reveal any specific etiology. A post op CT angiogram showed a good flow in the graft (Figure 4).

REFERENCES